# Product Sheet

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| **Memory Interface** | **Shader Clock** |
| 384 bit | 1605 MHz |
| **Memory Bandwidth** | **Memory Clock** |
| 103.7 GB/sec | 2.2 GHz |
| **Fill Rate** | **Clock rate** |
| 39.2 billion/sec | 650 MHz |
| **Chipset** | **Dual Link DVI - Supporting digital output up to 2560x1600** |
| GeForce™ 8800 Ultra | Dual |
| **RAMDACs** | **Game Bundle** |
| 400 MHz | GRAW |
| **Shader Clock** | **Chipset** |
| 1500 MHz | GeForce 8800 Ultra |
| **Stream Processors** | **Memory** |
| 128 | 768 MB |
| | **Bus Type** |
| | PCI-E |
| | **Memory Type** |
| | DDR3 |
| | **Memory Bus** |
| | 384 bit |
| | **Highlighted Features** |
| | Vista,HDTV ready,Dual DVI Out,TV Out,SLI ready,HDCP Ready,RoHS |

**NVIDIA® unified architecture with GigaThread™ technology**

Massively multi-threaded architecture supports thousands of independent, simultaneous threads, providing extreme processing efficiency in advanced, next generation shader programs.

**NVIDIA® Lumenex™ Engine**

Delivers stunning image quality and floating point accuracy at ultra-fast frame rates.

**Full Microsoft® DirectX® 10 Support**

World’s first DirectX 10 GPU with full Shader Model 4.0 support delivers unparalleled levels of graphics realism and film-quality effects.

**Dual 400MHz RAMDACs**

Blazing-fast RAMDACs support dual QXGA displays with ultra-high, ergonomic refresh rates--up to 2048x1536@85Hz.

**Dual Link DVI**

Capable of supporting digital output for high resolution monitors (up to 2560x1600).

**NVIDIA® SLI™ Technology**

Delivers up to 2x the performance of a single GPU configuration for unparalleled gaming experiences by allowing two graphics cards to run in parallel. The must-have feature for performance PCI Express graphics, SLI dramatically scales performance on over 60 top PC games.

**PCI Express™ Support**

Designed to run perfectly with the next-generation PCI Express bus architecture. This new bus doubles the bandwidth of AGP 8X delivering over 4 GB/sec. in both upstream and downstream data transfers.

**16x Anti-aliasing**

Lightning fast, high-quality anti-aliasing at up to 16x sample rates obliterates jagged edges.

**NVIDIA® PureVideo™ Technology**

The combination of high-definition video processors and NVIDIA DVD decoder software delivers unprecedented picture clarity, smooth video, accurate color, and precise image scaling for all video content to turn your PC into a high-end home theater. (Feature requires supported video software.)

**OpenGL™ 2.0 Optimizations and Support**

Ensures top-notch compatibility and performance for all OpenGL applications. NVIDIA® nView® Multi-display Advanced technology provides the ultimate in viewing flexibility and control for multiple monitors.

**NVIDIA® nView® Multi-Display Technology**

Advanced technology provides the ultimate in viewing flexibility and control for multiple monitors.